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ELSIA
Assay
Agglutination
Latex 4
with
Sera
of Patient
Analysis

Group	Number of serum samples	Number positive by latex agglutination assay	Number positive by ELISA
			•
NAM	<b>∞</b>	9	S
a CLI	, C	C	0
CID	2		(
SIA	9	0	<b>-</b>
A +: MAC Neuronathy	7	0	0
Ann-into incuropamy			C
MFS		> (	<b>&gt;</b>
Normal	<u>S</u>	0	<b>o</b>

Comparison of ELSIA and LATEX Agglutination Assay in Detection of Anti--GM1 Antibodies in Sera of Patients with MMN

FIGURE 2

Patient No.	Anti-GM1 IgM Titer (ELISA) <sup>1</sup>	Latex Agglutination Assay <sup>2</sup>
	100,000	3
2	3,200	· M
3	50,000	· M
4	<b>008</b> >	Negative
5	800	
9	1,600	2
7	008>	Negative
∞	6,400	<sub>C</sub>

<sup>1</sup>Titer for each specimen was assigned as the highest dilution in which the absorbance reading was 0.1 units greater than in the corresponding BSA coated wells.

<sup>2</sup>Results were scored from 1 to 3 according to the degree of agglutination.

Latex Agglutination Assay in Detection of Anti--GM1 Antibodies in Sera of Patients with MMN. Using Latex Particles Coated with Different Ratios of GM1 to GD 1a

FIGURE 3

Patient No	Anti-GM1 IgM Titer (FLISA)		La	Latex Agglutination Assay	lutinatio	n Assay	2		1
		A	В	ပ	Q	ш	ഥ	g	1
-	100,000	m	7	2	2	-	Neg.	Neg.	
3	20,000	m	7	_	Neg.	Neg.	Neg.	Neg.	
9	1,600	7	Neg.	Neg.	Neg.	Neg.	Neg.	Neg.	
<b>∞</b>	6,400	m	-	Neg.	Neg.	Neg.	Neg.	Neg.	
	,			i de la companya de l					1

<sup>1</sup>Titer for each specimen was assigned as the highest dilution in which the absorbance reading was 0.1 units greater than in the corresponding BSA coated walls.

<sup>2</sup>A: 100% GM1, 0% GD1a; B: 50% GM1, 50% GD1a; C: 12% GM1, 88% GD1a; D: 6% GM1, 94% GD1a; E: 1.5% GM1, 98.5% GD1a; F: 0.75% GM1, 99.25% GD1a; G: 0% GM1, 100% GD1a.

say	Number positive by agglutination assay
t sera with ELSIA and latex agglutination assay	Number positive by ELISA
ient sera with ELSIA and	Number of Specimens
Analysis of patient	Group

FIGURE4

ZXX	12	<b>~</b>	<b>∞</b>	
CIDP	-01	0	0	
AIS	9	0	0	
Anti-MAG Neuropathy	4	0	0	
CBS	13	4	7	
Normal	-2	0	0	

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FIGURE 5

Patient No.	Group	ELISA Antiganglioside Antibody Titer GM1 GQ1b	lioside a b	Agglutination Assay
	MMN	102,400		3
·~	MMN	3,200	•	7
~	MMIN	51,200	•	7
_	MMN	1,600	•	7
	MMN	6,400	•	-
01	MMN	12,800	•	7
=	MMN	3,200	•	-
. 21	MMN	25,600	•	2
30	GBS	•	•	2
31	GBS	•	•	
33	GBS	6,400	•	m
37	GBS	•	•	2
36	GBS	25,600	•	က
04	GBS(MFS variant)	. (14a	400	2
	GBS(MFS variant)	. ()ur	100	7

Titer for each specimen was assigned as the highest dilution in which the absorbance reading was 0.1 units greater than in the corresponding control wells.

Besults were scored from 1 to 3 according to the degree of agglutination.